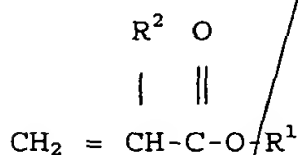


CLAIMS

1. Halogen-free, flame-retardant composition that comprises at least either an organic phosphorus compound (A), melamine or a compound derived from melamine (B), or a melamine-phosphorus compound (AB), characterised in that the composition also contains
- a polymer compound (C) comprising at least one type of olefine having 2-12 carbon atoms and 0.1-30 weight % (relative to the weight of the polymer compound) of at least one compound containing acid, acid anhydride or epoxy groups.

2. Composition according to Claim 1, characterised in that component (C) is a polymer having a chemical composition based on E, X and Y, E being an ethylene radical, X a radical formed from the compound



where

$\text{R}^1$  = alkyl radical having 1-8 carbon atoms

$\text{R}^2$  = H,  $\text{CH}_3$  or  $\text{C}_2\text{H}_5$

and Y is a radical formed from glycidyl (alkyl)acrylate.

3. Composition according to Claim 1, characterised in that component (C) is an ethylene/acrylic ester/glycidyl methacrylate, ethylene/acrylic ester/maleic anhydride,

ethylene/glycidyl methacrylate,  
ethylene/methacrylic acid, propylene/maleic  
anhydride and propylene/acrylic acid polymer.

4. Composition according to Claim 3,  
characterised in that component (C) is an  
ethylene/acrylic ester/glycidyl methacrylate  
terpolymer.
5. Composition according to Claim 4,  
characterised in that component (C) is an  
ethylene/methylmethacrylic ester/glycidyl  
methacrylate terpolymer.
6. Composition according to Claim 1,  
characterised in that component (C) is an  
ethylene/alpha-olefine copolymer modified  
with maleic anhydride.
7. Composition according to any one of Claims 1-  
6, characterised in that the organic  
phosphorus component (A) or the melamine-  
phosphorus compound (AB) is a phosphate,  
phosphinate or phosphonate.
8. Composition according to any one of Claims 1-  
7, characterised in that melamine, melamine  
cyanurate, melamine phosphate, melam, melem  
or a mixture thereof is chosen as component  
(B) of (AB).
9. Polycondensate composition that comprises the  
flame-retardant composition according to any  
one of Claims 1-8, characterised in that the  
polycondensate is a polyester or a polyamide.
10. Polycondensate composition according to Claim  
9, characterised in that the polyester is  
chosen from the group comprising PET  
(polyethylene terephthalate), PBT  
(polybutylene terephthalate), PEN  
(polyethylene naphthalate), PPT

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cont.

(polyphenylene terephthalate) or PBN  
(polybutylene naphthalate).

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11. Polycondensate composition according to Claim 9, characterised in that the polyamide is chosen from the group comprising polyamide-6, polyamide-6,6 and polyamide-4,6.
12. Polycondensate composition according to any one of Claims 9-11, characterised in that an inorganic filler is also present.
13. Polycondensate composition according to Claim 12, characterised in that the inorganic filler is glass fibre.
14. Polyester composition that comprises at least:
- an organic phosphate or phosphonate;
  - melamine cyanurate, melamine phosphate, melam, melem or mixtures thereof;
  - an ethylene/acrylic ester/glycidyl methacrylate polymer;
  - glass fibres;
  - a polyester chosen from the group comprising PET (polyethylene terephthalate), PBT (polybutylene terephthalate), PEN (polyethylene naphthalate) or PBN (polybutylene naphthalate).
15. Polyamide composition that comprises at least:
- an organic phosphate or phosphonate;
  - melamine cyanurate, melamine phosphate, melam, melem or mixtures thereof;
  - an ethylene/alpha-olefine copolymer modified with maleic anhydride;
  - glass fibres
  - a polyamide chosen from the group

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